

Notice of Allowability	Application No.	Applicant(s)	
	09/780,497	NAKATSUGAWA, YOSHINORI	
	Examiner	Art Unit	
	TAN TRINH	2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2-14-2004.
2. ☒ The allowed claim(s) is/are 5-11.
3. ☒ The drawings filed on 12 February 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

Allowable Subject Matter

1. Claims 5-11 are allowed.

Reasons for allowance

2. The following is an examiner's statement of reasons for allowance:

Regarding independent claims 5-6 and 10-11, claims 5 and 6 have been written in independent forms including all of the limitations of the base claims and intervening claims, therefore, claims 5 and 6 are allowable with the same reasons set forth in the previous Office action (paper mailed on 11-19-2004), and claims 10 and 11 are allowable with the same limitation of claims 5 and 6.

Independent claims 7-9, Ronald teaches Ronald teaches a vehicle compartment radio LAN system (see fig. 11, col. 15, lines 31-40), comprising a plurality of repeaters mounted in above each of a plurality of seat rows (see fig. 12, col. 16, lines 60 – col. 17, lines 15), and terminal positioned in one of the plurality of seat rows and configured to communicated through the repeaters in same seat row by radio (see fig. 12, col. 17, lines 5-10). However, Ronald and the prior art fail to teach, a radio LAN system of a vehicle compartment including at least three seat rows, comprising: at least first, second, and third repeaters configured to communicate with each other and with a terminal in the vehicle compartment by radio, wherein the first repeater is mounted to a dashboard of the vehicle compartment in front of a seat in a first seat row, the second repeater is mounted to a back of the seat in the first seat row, and the third repeater is mounted to a back of a seat in a second seat row, as cited in claim 7; and a radio LAN system of a vehicle compartment including at least three seat rows, comprising: at least first,

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second, and third repeaters configured to communicate with each other and with a terminal in the vehicle compartment by radio, wherein the first repeater is mounted to a dashboard of the vehicle compartment in front of a seat in a first seat row, the second repeater is mounted to a first ceiling portion of the vehicle compartment between the first seat row and a second seat row, and the third repeater is mounted to a second ceiling portion of the vehicle compartment between the second seat row and a third seat row, as cited in claim 8. And a radio LAN system of a vehicle compartment including at least three seat rows, comprising: at least first, second, and third repeaters configured to communicate with each other and with a terminal in the vehicle compartment by radio, wherein the first repeater is mounted to a front pillar of the vehicle compartment in front of a seat in a first seat row, the second repeater is mounted to a drip line of the vehicle compartment at a position between the first seat row and a second seat row, and the third, as cited in claim 9.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 872-9314, (for Technology Center 2600 only)

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*Hand-delivered responses should be brought to Crystal Park II,
2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).*


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan Trinh whose telephone number is (703) 305-5622. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung, can be reached at (703) 308-7745.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600 Customer Service Office** whose telephone number is **(703) 306-0377**.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tan H. Trinh 
Art Unit 2684
Mar. 16, 2005


NICK CORSARO
PRIMARY EXAMINER